

**Notice of Allowability**

Application No.

08/227,247

Examiner

Joseph Thomas

Applicant(s)

VANDERWENDE ET AL.

Art Unit

3626

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Remand from the BPAI of 19 October, 1999.
2. ☒ The allowed claim(s) is/are 16-45.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☒ to Paper No./Mail Date 19 January, 1995.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

***Notice to Applicant***

1. This communication is in response to the Remand by the Board of Patent Appeals and Interferences dated 19 October 1999. Claims 16-45 are pending. Claims 1-15 have been canceled.

***Claim Rejections - 35 USC § 112***

2. The rejection of 16-42 under 35 USC § 112, 2<sup>nd</sup> paragraph in a previous Office Action, mailed 7 December 1995, is hereby withdrawn.

***Allowable Subject Matter***

3. Claims 16-45 (now renumbered as claims 1-30) are allowed. The following is an examiner's statement of reasons for allowance:

The prior art of record, fails to disclose or fairly suggest a method for generating a lexical knowledge base in a memory of the machine including the step of augmenting the lexical knowledge base by: (1) inverting the semantic relation structure; and (2) storing, in association with a primary value term or value, the inverted semantic relation structure, in the particular manner and combination recited in claims 16, 20, 30, and 43 (now renumbered 1, 5, 30, and 28, respectively). In addition, the prior art of record, fails to disclose or fairly suggest an improvement to a machine-implemented method for generating a lexical knowledge base by iteratively parsing same collections of texts in a successive manner, wherein semantic relations identified in one parsing

Art Unit: 3628

operation serve to enhance discernment of semantic relations in subsequent parsing operations, in the particular manner and combination recited in claims 41 (now re-numbered 26).

Claims 17-19, 21-29, 31-40, 42, and 44-45 (now renumbered as claims 2-4, 6-14, 16-25, 27, and 29-30) incorporate the features of claims 16, 20, 30, 41, and 43 (now renumbered 1, 5, 15, 26, and 28 respectively) through dependency, and are also allowed for the same reasons given above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

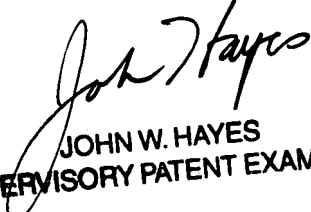
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Supervisory Patent Examiner (SPE) Joseph Thomas, whose telephone number is (571) 272-6776. The examiner can normally be reached on Monday - Friday 9:30 am - 6:00pm.

6. If attempts to reach the SPE by telephone are unsuccessful, a fellow supervisor, John Hayes can be reached on (571) 272 - 6708. The fax phone number for the organization where this application or proceeding is assigned is (571) 273 -8300.

Art Unit: 3628

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JT  
8/9/07 (re-print of 7/24/06 document)

  
JOHN W. HAYES  
SUPERVISORY PATENT EXAMINER